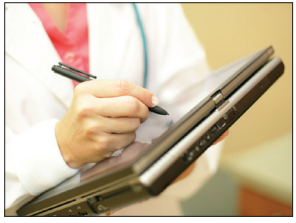
Cerner ProVision™ Document Imaging Solutions

CERNER
All Together™

Cerner ProVision Document Imaging: Eliminating Paper from the Clinical Environment



Whether installed as part of an organization-wide solution set or as a stand-alone application, *Cerner ProVision Document Imaging* offers a flexible, industry-leading approach to your health system's document imaging needs — and not just in the medical records department. Non-clinical departments including but not limited to—human resources, Patient Financial services, materials management, accounts payable, and integration to other legacy systems in your IT infrastructure—can bring the same efficiencies and cost-savings to their lines of business.

Cerner ProVision™ Document Imaging helps you eliminate the inefficiencies and opportunities for error inherent in paper-based medical records. The solution enables the simultaneous availability of scanned document images to multiple users in multiple places. It is also the only solution built for the unified *Cerner Millennium®* architecture, which places the person at the center of the medical record. As a result, you can digitize the paper and fully computerize the patient record — all within a single solution.

Realize Clinical Benefits

Cerner ProVision Document Imaging embeds scanned images directly into the clinical information system and seamlessly connects caregivers to the critical information they need to treat patients. Physicians and clinicians can access images within their natural workflow through Cerner's *PowerChart®* electronic medical record (EMR) and *PowerChart* Inbox. Clinicians also have immediate event creation and access for images added to patient records. Physicians receive notification of documentation deficiencies and can complete documentation in a timely manner. Working with the solution in an integrated environment also allows you to:

- Automatically or manually assign and route deficiencies to the physician's inbox for review and signature, regardless of the media
- Maintain JCAHO compliance with enhanced document availability to the clinician
- Associate audit trail with each transaction occurring with document status
- Maintain access logs for compliance review

- Decrease the need for redundant data collecting via abstracting and enter data only once at the time the care is rendered, reducing errors
- Capture data during the course of patient care rather than retrospectively
- Capture encounter-specific information without redundant data entry

Save Time and Money

The *Cerner ProVision Document Imaging* solution allows you to import and manage:

- Black-and-white and color images
- Fax copies
- Electronic report extractions
- More than 200 file formats, including .xls, .doc, .bmp, .jpg, .html, .txt, and .rtf
- Sound, video and voice

Image viewing and release: Requested images for display, fax or print directly from the imaging system or via hot-key from a third-party application. Perform document retrieval using a keyboard or mouse to identify your selection criteria. The image display includes such features as multi-level zoom, highlighting, redlining, notes, multi-page display, rotate and zoom-to-fit.

Workflow optimization: The workflow feature enables you to map out business processes and apply rules to automate the flow of work within the process. With documents in electronic format, multiple users can access the same document. Your workflow can now support simultaneous parallel processes, resulting in greater efficiency.

Solution At-a-Glance

- 312 clients have contracted for *Cerner ProVision Document Imaging*
- System in use for:
  - HIM (Medical Records)
  - Patient Accounts (Financial Records)
  - Registration
  - Human Resources
  - Contracts Management
  - Accounts payable
  - Pharmacy Orders
  - Forms Management
  - EOB processing

Ask Cerner how we can help bring efficiency and cost savings to your healthcare organization.

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Böwe Bell + Howell Scanners: Trūper 3600/3200 Production Scanners

BÖWE BELL+HOWELL

Böwe Bell + Howell Trūper Series Production Scanners:

The Trūper Series is BÖWE BELL + HOWELL's family of fast and durable low-volume production scanners. Ideal for the document imaging needs of everyday business, Trūper scans up to 62 pages per minute and 10,000 pages per day. And they come bundled with VirtualReScan® technology for advanced image enhancement.

- Resolution: Binary or grayscale at 100-600 dpi; Color (with VRS) at 100-400 dpi; Optical at 600 dpi
- Scanning Mode: Simplex, duplex (flatbed available only with 3200)
- Image Enhancement: Auto cropping, Deskew, Auto brightness, Contract control, Auto color detect, Auto orientation, Advanced clarity
- Flatbed Document Size: 11.7" x 17" (297 x 432 mm)
- ADF Document Size: 1.9" x 2.8" (48 x 70 mm) to 11.9" x 25" (302 x 635 mm); Long document scanning mode: unlimited length
- Interface: USB 2.0 enhanced (cable included) SCSI III (50-pin, 3200 only)
- Output Options: Bitonal, grayscale (8 bit), color (24 bit)
- Paper Weight: 10.6 to 34 lbs (40 to 127 g/m2)
- Feeder Capacity: 200 pages of 17 lbs paper
- Additional Features: Advanced color dropout, End user replacement feeder rollers (up to 300,000 scans), Long document handling, Switchable background, Ultrasonic multi-feed with multi-feed ignore, Scan time bar code recognition (with VRS 4.2 Professional)
- Scanner Dimensions: 18.9" x 17.3" x 11.4"/48 x 44 x 29 cm (3600); 30" x 20" x 11.4"/76 x 51 x 29 cm (3200)
- Weight: 47 lbs/21 kg (3600); 64 lbs/29 kg (3200)

Böwe Bell + Howell Scanners: Ngenuity 9090B/90990DC/9125C/9150DC Production Scanners

Böwe Bell + Howell Ngenuity Production Scanners:

This line of scanners delivers an unmatched combination of intelligent paper handling and razor-sharp image quality. Equipped with rotary and straight pass through paper paths, Ngenuity scans a wider range of documents than any other scanner in its class and does so at up to 150 pages per minute in bitonal and color.

- Resolution: 100-600 dpi
- Features: Intuitive front panel interface, LED lamps, NCR resistant rollers, Roller life of 600k scans, 600 dpi optical capture, includes hardware VRS 4.2
- Document Sizes: 1.7" x 2.5" (4.3 x 6.4 cm) to 12.5" x 40" (32 x 101 cm); Up to 200 M in very long document mode
- Bundled Drivers: Kofax ISIS, Kofax TWAIN, ImageControls, Direct TWAIN
- Daily Duty Cycle: Unlimited
- Document Feeding Mode: Automatic document feeder (ADF), the paper feeder automatically self-adjusts for paper thicknesses
- Feeder Capacity: 700 pages with variable capacity control
- Paper Thickness: 9 lbs to 110 lbs Bond paper
- Options: Front page imprinter, Back page imprinter
- Scanner Dimensions: 19.5" x 20.5" x 30" (49.5 x 52.1 x 76.2 cm) (H x W x D)
- Weight: 112 lbs (50.8 kg)

BÖWE BELL+HOWELL

Canon Scanners: imageFORMULA ScanFront 220/220P Compact Network Scanners

Canon imageFORMULA ScanFront 220/220P Network Scanners:

The 220/220P compact network scanners offer state-of-the-art imaging technology and a user-friendly interface with full touch-screen convenience. These stand-alone devices can plug right into an office network to deliver direct network scanning and sending.

- Optical Resolution: 600 dpi; Output Resolution: 100-600 dpi
- Network Functions: Scan-to-E-mail, Scan-to-Folder, Scan-to-FTP, Scan-to-USB Memory
- Document Sizes: 2"- 8.5" (6.3 x 21.5 cm); 2.1"-14" (5.3 x 35.6 cm)
- Interface: Hi-Speed USB 2.0 x 2 (for USB Memory, USB Keyboard, USB Mouse), LAN 10Base-T/100Base-TX Connector, PS/2 Mouse Port, PS/2 Keyboard Port
- Daily Duty Cycle: 1,500 scans
- Scanning Modes: Simplex, Duplex, Color, Grayscale, Black and White, Error Diffusion, Advanced Text Enhancement
- Feeder Capacity: 50 sheets
- Document Weight: 14-32 lb Bond (automatic feeding); 14-40 lb Bond (manual feeding)
- Features: 8.5" Touch-screen LCD, Automatic page size detection, Text orientation recognition, Fingerprint sensor (220P only), Bleed-through reduction, Color dropout/enhance color, Deskew, Skip blank page
- Scanner Dimensions: 12.2" x 9.21" x 6.22" (30.9 x 23.4 x 15.8 cm) (H x W x D)
- Weight: 7.5 lbs (3.4 kg)

Canon Scanners: imageFORMULA DR-2510C/2010C Desktop Sheetfed Scanners

Canon imageFORMULA DR-2510C/2010C Desktop Scanners:

These Canon scanners deliver fast, high-quality duplex scanning in a versatile and space-saving design. Ideal for all office scanning operations, these devices provide reliable feeding, advanced image processing functions, customizable Scan-to-Job buttons,and much more for your distributed imaging applications.

- Optical Resolution: 600 dpi; Output Resolution: 100-600 dpi
- Bundled Software: CapturePerfect 3.0, Adobe Acrobat Reader 8.0 Standard, ScanSoft PaperPort SE, OmniPage 4 SE, Presto! BizCard 5
- Document Sizes: 1.9"- 2.1" (4.8 x 5.3 cm); 8.5"-39.4" (21.5 x 100 cm)
- Daily Duty Cycle: 1,500 scans
- Scanning Modes: Simplex, Duplex, Color, Grayscale, Black and White, Error Diffusion, Advanced Text Enhancement
- Interface: Hi-Speed USB 2.0
- Feeder Capacity: 50 sheets
- Document Weight: 14-32 lb Bond (automatic feeding); 11-40 lb Bond (manual feeding)
- Scanner Drivers: ISIS/TWAIN for Windows 2000/XP/Vista
- Features: Ultrasonic double feed detection (2510C only), Moiré reduction, Prevent bleed-through/remove background, User registration, Advanced text enhancement (two types), Skip blank page, Prescan, Auto paper size detection, Deskew, Batch separation, Text orientation recognition, Color dropout/enhancement
- Scanner Dimensions: 6.3" x 11.8" x 6.3" (16 x 30 x 16 cm)
- Weight: 5.3 lbs (2.4 kg)

Canon Scanners: imageFORMULA DR-4010C/5010C/6010C Departmental Scanners

Canon imageFORMULA DR4010C/5010C/6010C Departmental Scanners:

These departmental scanner are packed with power, yet built for effortless scanning. Easy integration and user-friendly features are important when deploying scanning solutions into existing corporate workflows. They offer exceptional value, offering high-quality, high-volume scanning to meet a wide range of business needs.

- Optical Resolution: 600 dpi; Output Resolution: 100-600 dpi
- Bundled Software: ISIS/Twain Drivers, Canon CapturePerfect, Adobe Acrobat Standard, Kofax VirtualReScan (5010C only)
- Document Sizes for 5010C: 2.1"- 11.8" (5.3 x 30 cm); 2.8"-17" (7 x 43 cm); Up to 39.4" (100 cm) with long document mode
- Document Sizes for 4010C & 6010C: 2.1"- 8.6" (5.3 x 22 cm); 2.8"-14" (7 x 35.6); Up to 39.4” (100 cm) with long document mode
- Daily Duty Cycle: 5,000 -7,500 scans (depending on model)
- Scanning Modes: Simplex, Duplex, Color, Grayscale, Black and White, Error Diffusion, Advanced Text Enhancement (4010C/6010C only)
- Interface: Hi-Speed USB 2.0, SCSI-III
- Feeder Capacity: 100 sheets
- Scanner Drivers: ISIS/TWAIN for Windows 2000/XP/Vista
- Features: Ultrasonic double-feed detection, Auto paper size detection, Advanced text enhancement, Color dropout/enhancement, MultiStream
- Scanner Dimensions: 7.5" x 15.6" x 6.3"/19 x 39.6 x 31 cm (5010C); 7.3" x 12.5" x 10.9"/18.5 x 31.7 x 27.6 cm (4010C & 6010C)
- Weight: 14.1 lbs/6.4 kg (4010C); 14.3 lbs/6.5 kg (6010C); 23 lbs/ 10.4 kg (5010C)

Canon Scanners: imageFORMULA DR-6050C/7550C/9050C Production Scanners

Canon imageFORMULA DR-6050C/7550C/ 9050C Production Scanners:

These Canon production scanners have been developed to withstand the rigors of production-level scanning, the cornerstone and critical first step in any successful high-volume document management system. These scanners are capable of high-speed, accurate, and flexible imaging in order to convert and process vast amounts and wide ranges of documents.

- Optical Resolution: 600 dpi; Output Resolution: 100-600 dpi
- Bundled Software: ISIS/TWAIN Drivers, Canon CapturePerfect 3.0
- Document Sizes: 2"- 12" (5 x 30 cm); 2.8"-17" (7 x 43 cm); Up to 118.1" (300 cm) with long document mode
- Daily Duty Cycle: 12,000 scans (6050C); 15,000 scans (7550C); 18,000 scans (9050C)
- Scanning Modes: Simplex, Duplex, Color, Grayscale, Black and White, Error Diffusion, Advanced Text Enhancement (Two Types)
- Interface: Hi-Speed USB 2.0, SCSI-III
- Feeder Capacity: 300 sheets (6050C); 500 sheets (7550C/9050C)
- Document Weight: 14-56 lb bond (automatic feeding); 11-68 lb Bond (manual feeding)
- Scanner Drivers: ISIS/TWAIN for Windows 2000/XP/Vista
- Features: Auto color detection, Auto page size detection, Batch separation, Count only mode, Custom color dropout/Enhance color, Pre-scan function, Punch hole removal, Staple detection, Verify scan, Ultrasonic double-feed detection, Rapid recovery system, Deskew
- Scanner Dimensions: 18.9" x 20.9" x 12.4" (48 x 53 x 31.5 cm)
- Weight: 50 lbs (22.6 kg)

Fujitsu Scanner: *fi*-5110C Sheet-Fed Desktop Scanner

Fujitsu *fi*-5110C Sheet-Fed Desktop Scanner:

This is a great gateway scanner for organizations looking to adopt an affordable document imaging solution. Its speedy performance, advanced feature set and small footprint make it an ideal desktop solution for decentralized scanning applications.

- Resolution: 50-600 dpi (600 optical)
- Fast monochrome scan rates of up to 15 pages per minute simplex; 30 images per minute duplex at 200 dpi
- Color scan rates of up to 15 pages per minute simplex; 30 images per minute duplex at 150 dpi
- Long document scanning up to 34" (86 cm)
- 50-page Automatic Document Feeder (ADF)
- Duty Cycle: Up to 500 pages
- Interface: USB 2.0
- USB cable is included in this SKU
- Adobe Acrobat 8 Standard, ScandAll Pro, TWAIN/ISIS, Quick Scan Pro Demo
- This scanner does not include color drop out
- Dimensions: 5.1" x 11.6" x 6.5" (13 x 29.4 x 16.5 cm)
- Weight: 5.9 lbs (2.7 kg)

FUJITSU

Fujitsu Scanner: *fi*-6130, *fi*-6230, *fi*-6140 & *fi*-6240 High Performance Duplex Scanners

FUJITSU

Fujitsu *fi*-6130, *fi*-6230, *fi*-6140 & *fi*-6240 Duplex Scanners:

These color, duplex scanners provide unmatched performance and market-leading document imaging capabilities with enhanced scanning speeds, advanced paper handling and improved feeding technology.

- Designed for between 1,000-3,000 pages per day (6130/6230); up to 4,000 pages (6140/6240)
- Designed for peak scanner needs of 100-500 pages/hour
- Resolution: 50-600 dpi (600 optical)
- Scan up to 40 ppm/80 ipm at 200 dpi in monochrome or grayscale
- Fast color scan rates of up to 40 ppm/80 ipm at 300 dpi
- Intelligent multi-feed capability
- Long document scanning available up to 10 feet
- 50-page Automatic Document Feeder (ADF)
- Document Sizes: 2.1" x 2.9" (5.3 x 7.3 cm); 8.5" x 14" (21.5 x 35.5 cm)
- Flatbed Size: 8.5" x 11"/21.5 x 28 cm (*fi*-6230 & *fi*-6240)
- Interface: Ultra SCSI (50M)/USB 2.0
- Adobe Acrobat 8 Standard, ScandAll Pro 1.5, Kofax VRS 4.1 Professional, TWAIN/ISIS, Quick Scan Pro Demo
- Post Scan Imprinter available (*fi*-6130 & *fi*-6240 only)
- Dimensions: 11.9" x 6.3" x 6.2"/30 x 16 x 15.7 cm (*fi*-6130 & *fi*-6140); 11.9" x 22.3" x 9.0"/30 x 57 x 23 cm (*fi*-6230 & *fi*-6240)
- Weight: 9.3 lbs/4.2 kg (*fi*-6130 & *fi*-6140); 19.4 lbs/8.7 kg (*fi*-6230 & *fi*-6240)

Fujitsu Scanner: *fi*-6010N Network Scanner

Fujitsu *fi*-6010N Network Scanner:

This scanner includes many enhancements for greater ease of use, simplified device management and additional security features for compliance or to assist with adherence to regulations. This dedicated scanning device provides functionality including scan to e-mail, network fax, folder, printer, FTP website and searchable PDF in a small footprint to enable document sharing among departments or the entire enterprise.

- Ideal for between 50-1,000 pages per day
- Run rated speeds up to 100-300 color or duplex pages per hour
- Resolution: 50-600 dpi (600 optical)
- Scan up to 25 ppm/50 ipm at 200 dpi in monochrome or grayscale
- Color scan rates of up to 30 pages per minute simplex; 60 images per minute duplex at 150 dpi
- Double Feed Detection through Ultra Sonic/Length
- Long document scanning up to 34"
- 50-page Automatic Document Feeder (ADF)
- Document Sizes: 2.1" x 2.9" (5.3 x 7.3 cm); 8.5" x 14" (21.5 x 35.5 cm)
- Interface: RJ45 Network
- Microsoft Windows embedded software
- Secure authentication for controlled environments
- Dimensions: 15.8" x 17.4" x 20.1" (40 x 44 x 51 cm)
- Weight: 28.7 lbs (13 kg)

Fujitsu Scanner: *fi*-6670(A) & *fi*-6770(A) Color Duplex Document Scanners

Fujitsu *fi*-6670 & *fi*-6770 Color Duplex Scanners:

They deliver the automation and dependability needed for mission-critical production scanning applications. In addition, innovative features such as an intelligent multi-feed function drastically improves the batch scanning process by allowing the ultrasonic double-feed detection sensor to be trained to ignore intentional overlapping documents such as photos in insurance, patient label stickers in healthcare and taped-on receipts for accounting expense reports.

- Designed for between 5,000-15,000 pages per day
- Rugged scanning up to 1,000-2,000 pages per hour
- Resolution: 50-600 dpi (600 optical)
- Fast scanning: Up to 90 ppm/180 ipm in color or monochrome
- Ultrasonic double-feed detection with advanced control; Software color dropout via VRS 4.2
- 200-page Automatic Document Feeder (ADF)
- Long document scanning of up to 120"
- Document Size: 2" x 3" (5 x 7 cm); 11" x 17" (28 x 43 cm)
- Flatbed size: 11" x 17"/28 x 43 cm (6770 & 6770A)
- Interface: Ultra SCSI (50M)/USB 2.0/third party slot (6670 & 6770); Ultra SCSI (50M)/USB 2.0/Ultra SCSI (60M) CGA/USB 2.0 CGA (6670A & 6770A); USB 2.0 Cable included
- Twain, ISIS, Hardware-assisted VRS 4.2 Professional (Hardware-assisted VRS on *fi*-6x70A models), Adobe Acrobat 8.0 Standard, ScandAll PRO
- 40-character max. post scan, Back side of doc available (6670 & 6670A)
- Dimensions: 11.5" x 25.2" x 16.9"/29 x 64 x 43 cm (6670A); 13.5" x 27.2" x 19.7"/34 x 69 x 50 cm (6770A)
- Weight: 44 lbs/20 kg (6670A); 77.2 lbs/35 kg (6770A)

Fujitsu Scanner: *fi*-5900 Production Level Document Scanner

FUJITSU

Fujitsu *fi*-5900 Production Level Document Scanner:

As the newest addition to the family of production level Fujitsu scanners, it's the first in its class to come equipped with high-speed USB 2.0 (cable included), as well as hardware VRS 4.x Professional.

- Designed for between 20,000-100,000 pages per day
- Capable of running 2-3 shifts and up to 7,000 pages per hour
- Resolution: 50-600 dpi (600 optical)
- Scan in color at the same speed as monochrome & grayscale (up to 100 ppm/200 ipm at 300 dpi, Portrait; Up to 120 ppm/240 ipm at 300 dpi, Landscape)
- Triple Ultrasonic Double Feed Detection with Intelligent MultiFeed Function
- Long document scanning of up to 34" (86 cm)
- 500-page Automatic Document Feeder (ADF)
- Document Sizes: 2.1" x 2.9" (5.3 x 7.3 cm); 12" x 17" (30 x 43 cm)
- Multiple Interface: Ultra Wide SCSI/USB 2.0 and Third Party Slot
- USB 2.0 Cable included
- Twain, ISIS, Hardware assisted VRS 4.1 Professional, Adobe Acrobat 7.0 Standard, ScandAll 21
- Customized color drop out; Standard Red, Green & Blue (selectable)
- Scanner dimensions: 20" x 21" x 21" (51 x 53 x 51 cm)
- Weight: 110.4 lbs (50 kg)

Kodak Scanner: ScanMate i1120 Personal Workgroup Scanner

Kodak ScanMate i1120 Scanner:

The ScanMate i1120 transforms your paper documents into high-quality digital images that can be managed, sent, filed and found — simply and easily. One push of a button puts you in control of your documents and organizes your information.

- Resolution: 600 dpi
- Features: Perfect Page Scanning, iThresholding, adaptive threshold processing, smart touch scanning, automatic image straightening (deskew), automatic border removal (autocrop), relative cropping, aggressive cropping, image rotation, electronic color dropout, dual stream scanning, image edge fill, blank page removal, interactive color adjustment, brightness and contrast adjustment
- Document Sizes: 2" x 2.5" (50 x 63.5 mm) to 8.5" x 34" (215 x 863 mm)
- Bundled Drivers: TWAIN, STI and WIA drivers, Nuance Scansoft PaperPort 11 or Nuance Scansoft PaperPort 11 Pro (for Asia), Nuance Scansoft OmniPage 15, Presto! BizCard 5
- Recommended Daily Volume: Up to 1,000 pages per day
- Feeder: Up to 50 sheet ADF (A4)
- Interface: USB 2.0
- FIle Format Outputs: Single and multi-page TIFF, JPEG, RTF, PDF
- Supported Operating Systems: Windows Vista, Windows XP SP2, Windows 2000 Professional SP4
- Scanner Dimensions: 15.8" x 11.8"x 6.2" (147.5 x 300.6 x 157.3 mm) (H x W x D)
- Weight: 5.9 lbs (2.7 kg)

Kodak Scanners: i1200 Plus Series/i1300 Plus Series Workgroup Scanners

Kodak

Kodak i1200 Plus Series and i1300 Plus Series Workgroup Scanners:

These small, powerful scanners deliver on your desktop scanning needs. They provide a wide range of output options, including searchable PDF files for easy information access.

- Color/Grayscale Resolution: Up to 1200 dpi
- Features: Perfect Page Scanning, iThresholding, adaptive threshold processing; deskew; autocrop; relative cropping; aggressive cropping; electronic color dropout; dual stream scanniing; interactive color; brightness and contrast adjustment; auto orientation; automatic color detection; background color smoothing; image merge; content based blank page detection
- Document Sizes: 8.5" x 34" (215 x 863 mm) to 2" x 2.5" (50 x 63.5 mm)
- Connectivity:USB 2.0 (cable included)
- Feeder: Up to 75 sheets, handles small documents, such as ID cards, embossed cards and insurance cards
- Interface: TWAIN, ISIS, WIA drivers, Kodak Capture Desktop Software, Smart Touch, Nuance ScanSoft PaperPort and OmniPage
- FIle Format Outputs: Single and multi-page TIFF, JPEG, RTF, BMP, PDF, searchable PDF
- Scanner Dimensions: 9.7" x 13" x 6.3" (246 x 330 x 162 cm) (H x W x D)
- Weight: 11.5 lbs (i1210/i1310); 12 lbs (i1220/i1320)

Kodak Scanner: Scan Station 500 All-in-One Scanner

Kodak Scan Station 500 Scanner:

With one scan, this Kodak scanner will send a document to the network, to e-mail, to the printer, to fax, to a USB drive, and to FTP — simultaneously. Plus, the exclusive Voice Attachment feature gives you the option to record and send essential instructions with your documents.

- Resolution: 75, 100, 150, 200, 240, 300, 400, 600 dpi; 1200 dpi with flatbed accessory
- Features: Perfect Page Scanning, deskew, autocrop, content-based blank page removal
- Document Sizes: 2" x 2.5" (50 x 63.5 mm) to 8.5" x 34" (215 x 863 mm)
- Bundled Drivers: Configuration Organizer and Scan Station Software
- Recommended Daily Volume: Up to 1,500 pages per day
- Feeder: Up to 75 sheet ADF (A4)
- Rated Speed: 30 ppm B&W and color
- Interface: 10/100 Base T and built-in 56K Fax Modem, no host PC required
- FIle Format Outputs: Single and multipage TIFF, JPEG, PDF, text searchable PDF, encrypted PDF, optional JPEG compressed TIFF, WAV audio files
- Audio Technology: Built-in microphone and speaker to record and play back Voice Attachment messages
- Scanner Dimensions: 8.2" x 13.7" x 15" (20.8 x 34.9 x 38.1 cm) (H x W x D)
- Weight: 23.1 lbs (10.5 kg)

Kodak Scanners: i730/i750/i780 Production Scanners

Kodak i730, i750 & i780 Production Scanners:

This series of mid-to-high volume production document scanners are capable of handling mixed batches seamlessly, delivering true productivity in real-world environments. These Kodak scanners feature the speed you need, auto orientation and rugged, reliable performance.

- Color/Grayscale Resolution: Up to 300 dpi; Bitonal Resolution: Up to 400 dpi
- Features: Perfect Page Scanning, iThresholding, automatic color detection, autocrop, aggressive crop, deskew, blank page detection, electronic color dropout, dual-stream scanning, orthogonal rotation, automatic orientation, halftone removal, noise removal, toggle patch
- Document Sizes: 2.5" x 2.5" (64 x 64 mm) to 12" x 34" (305 x 863 mm)
- Connectivity: IEEE-1394 (FireWire) Interface, 6-pin connector, IEEE-1394 card and cable included
- Recommended Daily Volume: Up to 90,000 (i730); Up to 115,000 (i750); Up to 130,000 (i780)
- Feeder: 500-sheet elevator-design automatic document feeder with four settings
- Interface: TWAIN and ISIS drivers (included); document capture software from Kodak
- FIle Format Outputs: JPEG (for color and grayscale images); TIFF (for bitonal images)
- Scanner Dimensions: 15.7" x 23.9" x 30.3" (40 x 61 x 77 cm) (H x W x D)
- Weight: 85 lbs (38.6 kg)

Kodak Scanners: i1840/i1860 Production Scanners

Kodak i1840 & i1860 Production Scanners:

Ideal for high-volume workloads in an office environment, these Kodak production scanners feature touchscreen ease of use, quiet operation and automatic height adjustment.

- Color/Grayscale Optical Resolution: 300 dpi
- Features: Perfect Page Scanning, iThresholding, Autocrop, Deskew, Image rotation, electronic color drop out, dual stream scanning, halftone removal, noise removal, zone processing, toggle patch, automatic color detection, automatic orientation
- Document Sizes: 2.5" x 2.5" (64 x 64 mm) to 12" x 34" (305 x 863 mm)
- Connectivity: IEEE-1394 (FireWire) Interface, 6-pin connector, IEEE-1394 card and cable included
- Recommended Daily Volume: Unlimited
- Integrated height adjustment span of 10" (25 cm) for seated or standing operation
- Feeder: 500-sheet
- Interface: TWAIN and ISIS drivers (included); Kodak Capture Software
- FIle Format Outputs: JPEG (for color and grayscale images); TIFF (for bitonal images)
- Accessories/Options: Ultra-lightweight feed module, high-resolution imprinter, white imaging background, manual feeder
- Scanner Dimensions: 40-50" x 31-33" x 39" (H x W x D)
- Weight: 480 lbs (218 kg)

Panasonic Scanners: KV-S1025C & KV-S1020C* Duplex Color Document Scanners

Panasonic KV-S1025C & KV-S1020 Color Scanners:

These small footprint, versatile, duplex color document scanners are capable of simultaneous scanning of embossed ID cards and paper documents. They feature Panasonic's Image Enhancement Technology with built-in Dynamic Threshold, Auto Crop, Deskew, Long Paper Mode and Double Exposure for scanning both sides of ID cards into one image.

- Resolution: Up to 600 dpi (optical)
- Maximum Image Width: 8.5"
- Standard Memory: 16MB
- Rated Speed: 26 ppm/52 ipm
- Document Sizes: 1.9" x 2.75" (4.8 x 7 cm); 8.5" x 100" (21.5 x 254 cm)
- Interface Support: USB 2.0
- Bundled Drivers: ISIS and TWAIN
- Daily Duty Cycle: Up to 1,000 pages per day
- ADF Capacity: Up to 62 originals (17lb)
- Scanner Dimensions: 12.5" x 7.2" x 7.8"/31.7 x 18.2 x 20 cm (W x D x H)
- Warranty: One-year advanced exchange
- Options: KV-SS080 A4 Flatbed Accessory, KV-SS030 Roller Exchange Kit, Extended Warranties and on-site service contracts available
- Other Features: Panasonic Image Enhancement Technology including: Dynamic Threshold, Hole Removal, Deskew, Blank Page Removal, Multi-Color Dropout, Auto Binary-Color Distinction
- Weight: 9.3 lbs (4.2 kg)

*KV-S1020C Simplex only

Panasonic

Panasonic Scanner: KV-S2026C Color Document Scanner

Panasonic KV-S2026C Color Scanner:

This scanner is a versatile workhorse in a small package. With Panasonic's Image Enhancement Technology on-board, the KV-S2026C is capable of handling all of your document scanning needs.

- Resolution: Up to 600 dpi (optical)
- Maximum Image Width: 8.5"
- Standard Memory: 8MB
- Rated Speed: 23 ppm/42 ipm
- Document Sizes: 2.0" x 2.8" (5 x 7 cm); 8.5" x 25" (22 x 63.5 cm)
- Interface Support: USB 2.0
- Bundled Drivers: ISIS and TWAIN
- Daily Duty Cycle: Up to 4,000 pages per day
- ADF Capacity: Up to 120 originals (17lb)
- Scanner Dimensions: 13.5" x 11.7" x 9.4"/34 x 30 x 24 cm (W x D x H)
- Warranty: One-year advanced exchange
- Options: KV-SS024 Roller Exchange Kit, KV-SS025 White Roller Kit, Extended Warranties and on-site service contracts available
- Other Features: Panasonic Image Enhancement Technology including; Dynamic Threshold, Hole Removal, Deskew, Blank Page Removal, Multi-Color Dropout, Auto Binary-Color Distinction
- Weight: 18.5 lbs (8.4 kg)

Panasonic

Panasonic Scanner: KV-S4085C Color Document Scanner

Panasonic KV-S4085C Color Scanner:

This scanner offers the next generation in document scanning technology. From its ToughFeed mechanism to reduce misfeeds, to its stapled document detection mechanism and ultrasonic double feed detection, this color document scanner takes high-speed scanning to the next level.

- Resolution: Up to 600 dpi (optical)
- Maximum Image Width: 11.9"
- Standard Memory: 8MB
- Rated Speed: 23 ppm/42 ipm
- Document Sizes: 1.9" x 2.75" (5 x 7 cm); 11.9" x 100" (30 x 254 cm)
- Interface Support: USB 2.0; Bundled Drivers: ISIS and TWAIN
- Daily Duty Cycle: Up to 50,000 pages per day
- ADF Capacity: Up to 300 originals (17lb)
- Scanner Dimensions: 18.7" x 23.0" x 13.0"/47 x 58 x 33 cm (W x D x H)
- Warranty: One-year advanced exchange
- Options: KV-SS033 Roller Exchange Kit, KV-SS014 Pre/Post Imprinter Unit, KV-SS021 Ink Cartridge for Imprinter
- Other Features: Panasonic Image Enhancement Technology including: Dynamic Threshold, Hole Removal, Deskew, Blank Page Removal, Multi-Color Dropout, Auto Binary-Color Distinction, Stapled Document Detection, Ultrasonic Double Feed Detection.
- Available in two models, KV-S4085CW for up to 11.9" (30 cm) wide scanning and KV-S4085CL for up to 8.9" (26 cm) wide scanning
- Weight: 51.0 lbs (23 kg)

Panasonic

Xerox Scanner: DocuMate 152 Workgroup Scanner

Xerox DocuMate 152 Scanner:

A color sheetfed duplex document scanner, it scans up to 18 pages per minute (ppm) and 36 images per minute (ipm), includes a 50-page automatic document feeder and has the ability to automatically scan documents in searchable PDF files. This scanner is designed specifically for desktop use and incorporates Visioneer OneTouch technology for eliminating multiple steps in sending scanned documents to pre-determined applications or devices.

- Scan Speed: Up to 18 ppm simplex/36 ipm duplex pages
- Scan Method: Fast Duplex Sheetfed
- Optical Resolution: 600 dpi
- Output Bit Depth: 24-bit color, 8-bit grayscale
- ADF Capacity: 50 sheets (20 lb. paper)
- ADF Document Size: 8.5" x 14" (22 x 35.5 cm); 2.5" x 2" (6.3 x 5 cm)
- Interface: USB 2.0 (1.1 compatible)
- Duty Cycle: 2500 pages/day
- Visioneer OneTouch scans directly to searchable PDF files
- 9 One Touch pre-programmed scan-to destinations
- Software Bundle: Visioneer OneTouch with Kofax VRS Technology, Nuance PaperPort, Nuance OmniPage Pro, NewSoft Presto! BizCard, TWAIN Driver, WIA Driver (XP Certified)
- Awarded ENERGY STAR®
- Dimensions: 12.1" x 6.3" x 5.5"/31 x 16 x 14 cm (W x D x H)
- Weight: 5.9 lbs (2.7 kg)

XEROX®

Xerox Scanner: DocuMate 262i Departmental Scanner

XEROX

Xerox DocuMate 262i Scanner:

You don't always know what documents you will need to scan next – you might have laser quality pages today but tomorrow there maybe multi-colored forms, embossed ID cards, or varying sizes of paper. This scanner does it all. The 50-page automatic document feeder (ADF) makes short work out of any stack of paper of varying size. The front feed tray handles scanning plastic cards, such as driver licences, not only increasing the card scanning efficiency, but drastically improving roller wear, making it an extremely cost-effective solution.

- Scan Speed (color @ 150 dpi): Up to 37 ppm simplex/71 ipm duplex pages
- Scan Speed (black & white @ 200 dpi): Up to 38 ppm simplex/76 ipm duplex pages
- Scan Method: Duplex
- Optical Resolution: 600 dpi
- Embossed ID Card scan speed @ 200 dpi duplex: 2.7 b&w/8.5 color seconds; Scans ID cards from Front Feed tray
- Output Bit Depth: 24-bit color, 8-bit grayscale
- ADF Capacity: 50 sheets (20 lb. paper)
- ADF Document Size: 8.5" x 38" (21.5 x 96.5 cm); 3.5" x 2" (8.9 x 5 cm)
- Interface: USB 2.0 (1.1 compatible)
- Duty Cycle: 3000 pages/day
- Visioneer OneTouch scans directly to searchable PDF files
- AutoCrop and AutoStraighten; Smart Double Feed Detection
- Software Bundle: Nuance PaperPort, Nuance OmniPage Pro, Kofax VRS Technology, Visioneer OneTouch Technology
- Dimensions: 13" x 6.5" x 6.38"/330 x 165 x 162 mm (W x D x H)
- Weight: 9.44 lbs (4.3 kg)

Software: Electronic Forms Solution

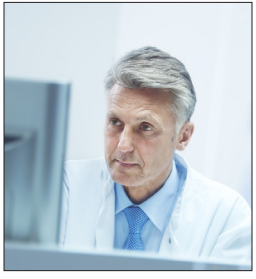
LEXMARK

Cerner/Lexmark's Document Producer software streamlines the processing of electronic and hardcopy documents and enables quick design of electronic forms (e-Forms) with business data, which can then be stored on printers, servers and indexed with bar codes.

All organizations use forms (e.g., application, benefit, claim, shipping, patient registration, shelf labels, etc.) to process dynamic information relative to their clients and business processes. Many resort to expensive, pre-printed multi-part forms. Time is wasted developing custom forms, labels, reports and other documents using tedious software tools, which limit responsiveness, increase costs and hinder growth. The complexity only escalates when bar codes, multiple languages and complex media such as label stock are required. This is a server-based solution for creation of PDF-based documents. The solution offers healthcare organizations the following features:

- Extensive bar code support provides the ability to create both 1D and 2D bar codes without the need for additional hardware.
- Choose from a variety of options: print, fax, e-mail or archive forms output.
- Electroni forms can be printed directly from Cerner or from other third-party applications
- Forms requiring electronic signatures can be completed via the integration of the forms solutions

Services: Maintenance and Support Solution for Digital Scanners



Versitec
MANAGED SERVICE SOLUTIONS

Cerner/FirstCerve delivers a complete program to keep up with your ever-increasing digital scanning needs. This solution will manage every facet of your scanner's maintenance, service and support in the most cost-effective way possible. This results in less time and expense spent managing and supervising equipment maintenance, so you can concentrate on delivering medical information.

Maintenance costs rise as equipment ages. This fixed program is tailored to cover potential costs for the life cycle of your equipment. The result is a fixed cost in your budget and years of flawless performance for your scanners. Benefits include:

- Reduced downtime means higher productivity
- No price increases over the life of the three-year term
- 24 x 7 level phone support
- Better overall service experience
  - Highly experienced professionals trained to deliver quick resolution
  - Easy to reach — with minimal "phone tree" and "on hold" time to get to a live person
  - Acts as a client advocate in negotiating with manufacturers' service groups
- Proactive approach for day-to-day equipment upkeep
  - Fewer service calls needed than with reactive maintenance plan
  - Scanner supplies shipped automatically
  - Periodic preventative maintenance visits
  - Less administrative work involved in managing maintenance
- Improves image quality

Services: Third-Party Imaging

Users of imaging systems and software are faced with constantly changing technologies, formats and standards. Users all want to be able to freely convert images from one file format to another in order to maintain access to previously converted information. Given that there are hundreds of image file formats in existence and even these formats are changing, no single approach is available to perform all conversions. Cerner can provide our clients with the means to convert important information to a stable and storable media.

GET Imaging

Cerner/GET Imaging has devised a general strategy for performing file format conversions. The following is a brief description of the steps involved for the source document conversion process:

- GET Imaging receives the input information (TIFF images and database records) from the client on storage media or devices compatible with UNIX, Windows or Windows NT, i.e. optical platters, magneto optical disks, tapes, magnetic drives and/or jukeboxes.
- State-of-the-art scanners to convert the source media into digital images. They are capable of performing customized processes to fit a Cerner client's specific requirements.
- Quality controls are in place throughout the conversion process to ensure that all source documents are successfully converted.
- Manual data entry procedures and optical character recognition (OCR) are used to create an index for all converted digital images for future client retrieval.
- Once the converted files have passed Cerner's internal quality control reviews, the information is written to the client's specified delivery media, i.e. encrypted external hard drive, or protected CD or DVDs. They will also deliver the information via the Internet using Web browsers or secure File Transfer Protocol (FTP).
- The client's original source documents are returned, along with the converted information.

Hardware Specifications: Workstation Requirements

Cerner ProVision Document Imaging Scan Station Requirements
System Features
Operating System: Windows XP
Processor: Intel Core 2 Duo processor (3.16GHz, 6MB L2 cache, 1333MHz FSB)
Memory
Maximum Memory: 8 GB using SO-DIMM modules
2GB 800MHz DDR2 SDRAM
Storage
Hard Drive: 250GB 7200 rpm SATA 3.0 Gb/s NCQ, Smart IV
Monitor
20-inch Wide-aspect active matrix TFT
Resolution: 1600 x 1200 @ 60Hz
Image Quality
Brightness: 300 cd/m^2
Contrast Ratio: 800/1

Pharmacy Order Imaging or QC/Validation Workstation Requirements
System Features
Operating System: Windows XP
Processor: Intel Core 2 Duo processor (3.16GHz, 6MB L2 cache, 1333 MHz FSB)
Memory
Maximum Memory: 8 GB using SO-DIMM modules
2GB 800 MHz DDR2 SDRAM
Storage
Hard Drive: 250GB 7200 rpm SATA 3.0 Gb/s NCQ, Smart IV
Monitor
22-inch Wide-aspect active matrix TFT
Resolution: 1680 x 1050 @ 60Hz (WSXGA+)
Image Quality
Brightness: 300 cd/m^2
Contrast Ratio: 1000/1

Hardware Specifications: Server Requirements

Cerner ProVision Document Imaging Server Specifications
Processor
Processor Family: Intel Quad-Core Xeon
Number of Processors: 4
Memory
Maximum Memory: 192GB
Memory Type: PC3-10600R RDIMMs DDR3 or PC3-10600E UDIMMs DDR3
Memory: 512GB

Cerner ProVision Document Imaging List of Supported Servers for Virtual Machines
Application Xtender
Disk Xtender
Ascent Server
Ascent Capture Internet Server
LexMark

NOTE: The information contained in this catalog is intended for information purposes only. Cerner has made every effort to represent the devices and solutions in this catalog accurately. The specifications and availability of these devices and solutions are subject to change at any time without prior notice.

Cerner Corporation
2800 Rockcreek Parkway
Kansas City, MO 64117
816.221.1024
www.cerner.com

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For more information about
our PDI solutions, contact:

Derek Young
816-201-8346
Derek.Young@Cerner.com